CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/NMK/W.No.16/2017-18

22.03.2018

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Agency	: **Sri. N.M Krishnamurthy,** Contractor, Bangalore.
Name of the work	: Improvements to road, drain and otheer works in Khatha Nagar in Ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in Ward No.16, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.02.2018	22.03.2018	8.250	542.8	24.12
2	22.02.2018	22.03.2018	8.285	528.5	23.49
3	22.02.2018	22.03.2018	8.264	506.1	22.49

Note:

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Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
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Job No.: CQCE/BBMP/NMK/W.No.16/2017-18

02.01.2018

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Agency	: **Sri. N.M Krishnamurthy,** Contractor, Bangalore.
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Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.02.2018	02.01.2018	8.164	329.5	14.64
2	23.02.2018	02.01.2018	8.148	340.6	15.14
3	23.02.2018	02.01.2018	8.182	356.1	15.83

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23.03.2018

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Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.02.2018	23.03.2018	8.229	535.2	23.79
2	23.02.2018	23.03.2018	8.286	509.4	22.64
3	23.02.2018	23.03.2018	8.234	495.3	22.01

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02.01.2018

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Client	: **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
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Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.02.2018	02.01.2018	8.164	348.5	15.49
2	23.02.2018	02.01.2018	8.159	336.2	14.94
3	23.02.2018	02.01.2018	8.138	352.3	15.66

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23.03.2018

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Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.02.2018	23.03.2018	8.295	538.5	23.93
2	23.02.2018	23.03.2018	8.228	516.2	22.94
3	23.02.2018	23.03.2018	8.264	495.3	22.01

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Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.02.2018	02.01.2018	8.169	332.6	14.78
2	23.02.2018	02.01.2018	8.178	348.9	15.51
3	23.02.2018	02.01.2018	8.156	352.1	15.65

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Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.02.2018	23.03.2018	8.235	530.2	23.56
2	23.02.2018	23.03.2018	8.289	495.6	22.03
3	23.02.2018	23.03.2018	8.264	515.1	22.89

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Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.02.2018	02.01.2018	8.179	329.5	14.64
2	23.02.2018	02.01.2018	8.188	368.4	16.37
3	23.02.2018	02.01.2018	8.194	346.1	15.38

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23.03.2018

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
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2	23.02.2018	23.03.2018	8.265	549.8	24.44
3	23.02.2018	23.03.2018	8.258	510.7	22.70

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Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.02.2018	02.01.2018	8.195	335.2	14.90
2	23.02.2018	02.01.2018	8.179	346.4	15.40
3	23.02.2018	02.01.2018	8.162	356.1	15.83

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